BRASWELL ENGINEERING, INC.

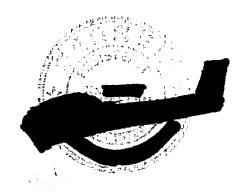
2440 Sandy Plains Road Building 3, Suite 201 Marietta, Georgia 30066-7217 (770) 565-0035

October 23, 2000

Comments and Additional Information

On

Appeal Resolution for Congaree River in Richland and Lexington Counties, S.C.



Introduction:

The appeal resolution documents for the Richland and Lexington Counties Flood Insurance Studies were prepared and submitted by FEMA to the communities in response to appeals received by FEMA on the revised flood studies. The documents and subsequent meetings were initiated by FEMA in an effort to resolve any questions, discrepancies or appeals concerning the FIS.

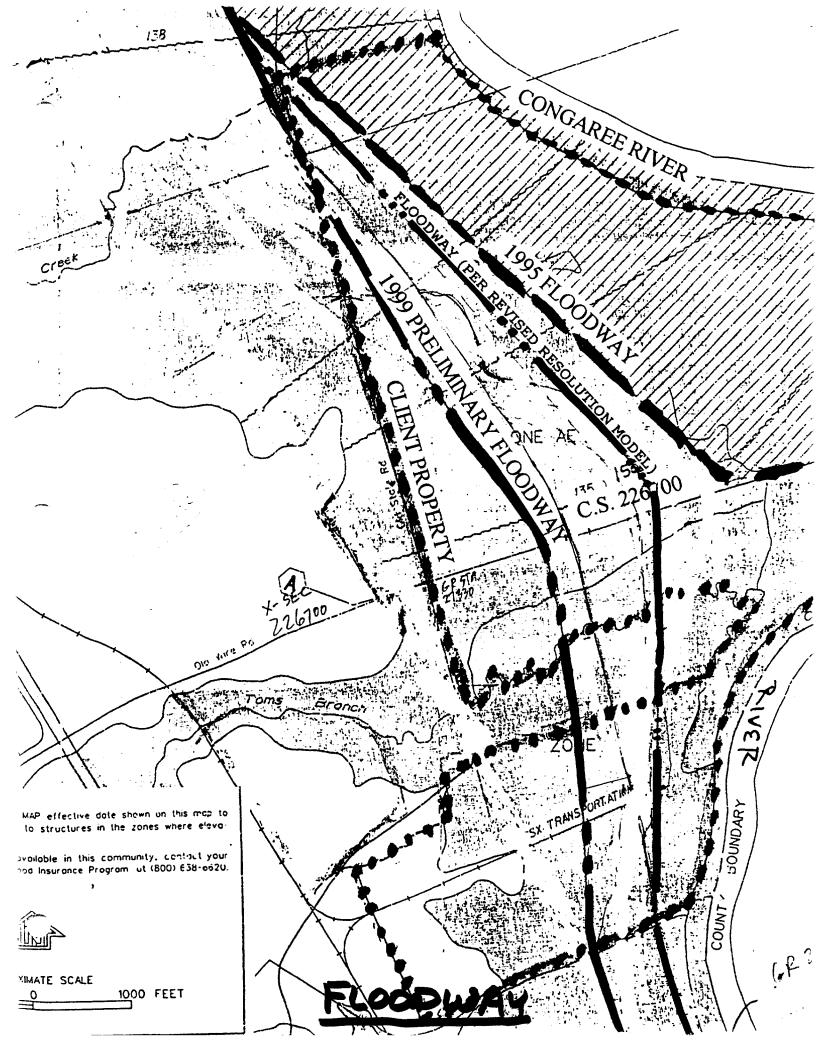
As a part of the appeal process, Braswell Engineering, Inc. prepared a report entitled "Proposed Revision to The Congaree River Floodway at Cross Section 226700, dated November 30, 1999. The report dealt with the "n" value discrepancy found between the actual site conditions and the modeled values and their impact on the resultant flood elevations and floodway configuration.

Additional information is being presented in this report to further support the original appeal data as well as provide the impact of the "n" value change to the resolution floodway model presented by FEMA on October 18, 2000.

Additional Data:

At the request of FEMA representatives and in support of the original appeal request, photographs were made of the Congaree River floodplain conditions within the right overbank area of Cross Section "A" (226700) in Lexington County. The photographs, along with their descriptions and a map showing their location, are contained within the appendix of this report. The photographs clearly support the previous assumption, that the "n" value of 0.03 used in the NH data between GR stations 25101 and 30259.4 was not representative of the existing composite floodplain conditions and that a weighted average value of 0.09 would provide an accurate portrayal of the site. The higher "n" value would also be more consistent with the overbank values used to model upstream and downstream cross sections.

The HEC-2 floodway data for the Congaree River provided and dated October 18. 2000 was revised using the 0.09 value on the NH line between Stations 25101 and 30259.4 at Cross Section 226700. The revised model resulted in a narrower floodway at C.S. 226700 with only a slight increase in the 100-year and floodway elevations above the current (10/18/00) FEMA model. The increase in elevations averaged from 0.1 feet to 0.0 feet from the site upstream to the end of the study reach. The allowable increase in the 100-year elevation due to the floodway encroachment was well below the FEMA and South Carolina maximum of 1.00 foot. An additional change to the model was made which involved revising the encroachment limit on the ET line at C.S. 226700 from 5.41 to 7.41. This change resulted in an efficient floodway while maintaining floodway elevation increases below the 1.00 foot maximum throughout the study reach. This revised floodway model resulted in no significant changes in floodway widths upstream or downstream of C.S. 226700. The average floodway velocities at the section were just over 2 fps with lower velocities out in the overbank areas. With these low velocities, the slight bend in the floodway configuration would have little or no impact on the system. The proposed floodway configuration is shown on the following copy of a portion of the FEMA map.



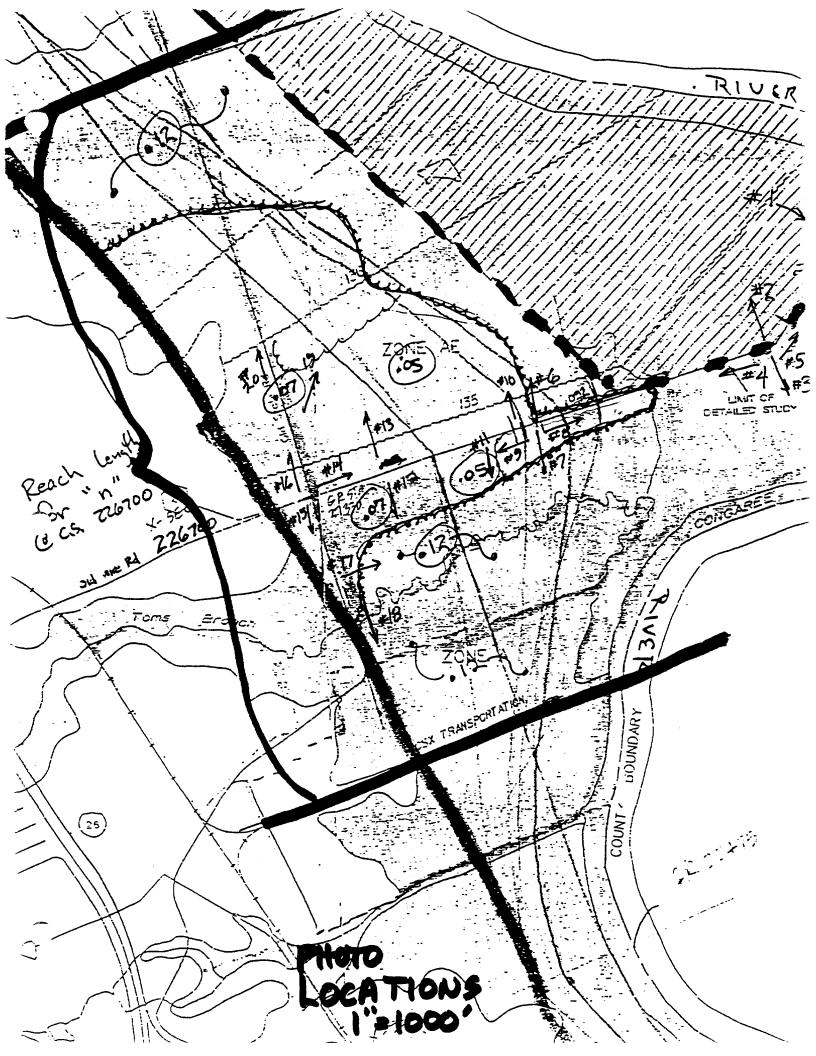
Conclusion:

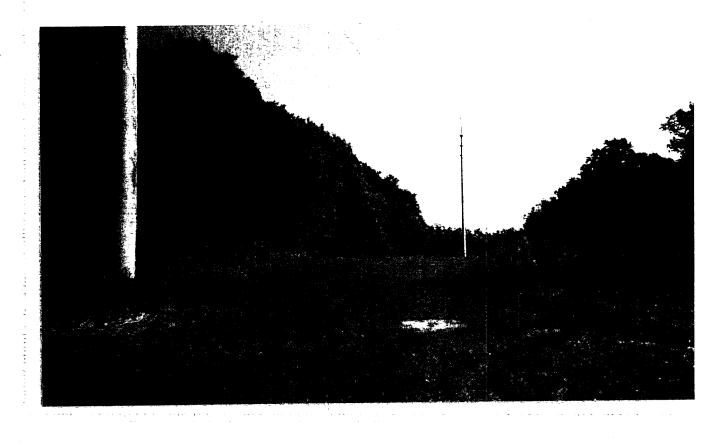
Revising the "n" value at Cross Section "A" would not only provide a more accurate representation of existing conditions but also provide a value more consistent with the adjoining modeled cross sections. By revising the "n" value and fine tuning the encroachment limits, an efficient and viable floodway consistent with FEMA and South Carolina requirements would result.



PHOTOGRAPH LOG

- #1 Approx. 500' from river bank along power line
- #2 Upstream floodplain at bend in C.S.
- #3 Downstream floodplain at bend
- #4 looking up old wire road away from river
- #5 looking down old wire road toward river
- #6 .5 miles along old wire road from bend in C.S., u.s. floodplain
- #7 downstream floodplain
- #8 looking toward river
- #9 looking toward old State Road
- #10 100' from #6, upstream floodplain at edge of 10' pines
- #11 3200' from bend in C.S., d.s floodplain
- #12 D.S. floodplain 1100' from #11
- #13 U.S. floodplain
- #14 back toward river from Old Wire Rd and Old State Rd.
- #15 D.S. on Old State Rd.
- #16 U.S. Old State Rd.
- #17 0.2 Miles D.S. on Old State Road from Old Wire, toward river
- #18 D.S. along Old State Rd.
- #19 0.2 Miles U.S. on old Sate from Old Wire Rd., floodplain toward river
- #20 U.S. along Old State Rd.







#1 - Approx. 500' from river bank along power line

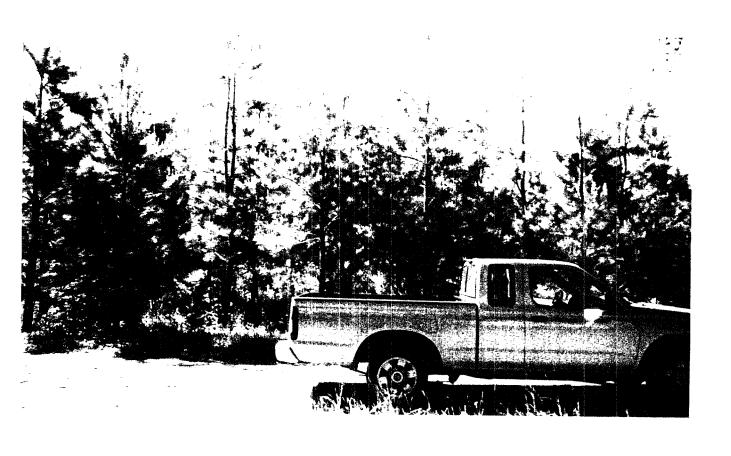




#6 - .5 n.des along old wire road from bend in C.S., u.s. floodplain

























#16 - U.S. Old State Rd.









FLOODWAY HEC-2 (REVISED RESOLUTION MODEL)

* HEC-2 WATER SURFACE PROFILES

* Version 4.6.2; May 1991

* UN DATE 200CT00 TIME 07:04:53 *

* U.S. ARMY CORPS OF ENGINEERS *

* HYDROLOGIC ENGINEERING CENTER *

* 609 SECOND STREET, SUITE D *

* DAVIS, CALIFORNIA 95616-4687 *

* (916) 756-1104 *

X	X	XXXXXXX	XXXXX		XXXXX
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THIS RUN EXECUTED 200CT00 07:04:53

************* HEC-2 WATER SURFACE PROFILES Version 4.6.2; May 1991 Richland and Lexington County, SC FISs
Stream Name: Congaree River floodway model 10-18-00
100-year flood Q gage= 292000 cfs
Calibration mode finalhgh.01 and finallow.dat
Calibrated to 1976 flood highwater marks
Also calibrated to Columbia USGS gage data
Ineffective areas based on RMA-2V model July 21, 2000 T1 T2 T3 T4 T5 T6 WSEL F0 MRTRIC NINV IDIR STRT HVINS INO J1 ICHECK 133.50 .00062 2 CHNIM ITRACE FN ALLDC IB₩ J2 NPROF PREVS XSECV XSECH IPLOT -1 0 1 J3 VARIABLE CODES FOR SUMMARY PRINTOUT 110 200 150 *******REQUESTED SECTION NUMBERS****** J5 LPRNT NUMSEC NH 4. 1.0 12000 0.12 22200. 0.065 22750 0.120 24475.

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219600 258600 364700
QT 5 298400 298400 298400 -10 5. 184600. 282400. 323700. 323700. 441800. 8-11-99 eq.c 8-11 9025 set-1 set-1 8-11 set-1 23700. 23700 17475 9.41 9.11 22200 .038 22750 6400 .12 4900 10.0 10.0 24475 212950

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_		The Followi	ng Options OODWAY Opti	Have Been A ion. JT Option.	ctivated :					
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Cross Section 3.0

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	BEGIN C	ODING OF EXI	STING INTE	RCHANGE FIL	L FOR TWELF	TH STREET					
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	SOUTH	BASTERN	BELTWA	Y								
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NE	8 B	.11	10765	.034	12065	.06	13935	.034	15375 .			

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90 .034 17470 .06 21420 .08 22200 0 0 REVISED NE TO REFLECT EFFECTIVE FLOW AREA IN LEFT OVERBANK w-br n-values, left to reflect d/s ground; ineffective flow due to hig section ми 15990 .034 .034 NH 9 10 NH 15375 .06 3100.1 .11 15990 .034
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1320 10 3070 .11 3540
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		10520 11095 11525 11690 13935 14290 14570 14980 16050 17075 17470 221713 22000 .11 10765 034 17470 33BD NH TO REFI	130 100 100 153 118 117 129 127.0 145.7 144.5 130 .034 .034 .066	10630 11123 11663 11785 14000 14350 14620 14980 16325 17075 201730 22000 12065 21420 TIVE FLOW A	132 151.2 152 130.8 117 114 129 127 153.5 145.7 145.7 131 130 13935 108 22200 108 IN LEFT	10765 11123 11663 12015 14235 14480 14650 15325 17125 21420 21730 22145 .034 153	153 151.2 152 154.8 149.3 106 129 155 153.5 127 130 130 158.7	22200	133 100 100 147 147 149.3 106 152 156.6 127 127 127 131 152.6	11025 11147 11687 12700 14290 14355 14925 15990 16375 17454 21713 21962
All'	13 6829	10.0 10 334	850 10793 17470	.034 .06	3070 12065 21420	.11 .06 .2	3529 13935 22200 8/99	.034	5600 15375	.06
B11 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR	0 169 150 125 127 125 125 133 100 147 149.3 106 152 156.6 127 127 131 152.6 159.0 159.0 159.0	85 2300 3529 6700 9415 11025 11147 11687 12700 14255 14925 14925 15990 16375 17454 21713 21982 1034 1747	7.11 10793 125 125 130 120 120 125 101 102 148.8 111 152 127 127 127 147.6 152.6 .034 0 .06 FLECT EFFE	0 12065 800 24200 4200 10520 110925 116935 114570 14980 16050 17075 177473 22100 12065 21420 CTIVE FLOW	9.11 49 120 130 120 130 100 100 133 118 115 127.0 144.5 147.6 13935 13935 13935 13935 13935 13935 13935 13935	Set-2 8/99 850 29000 45000 6829 10630 11123 11663 11785 14000 14350 146325 17075 20350 221730 22000 .034 15 OVERBANK	120 120 120 125 120 132 151.2 152 130.8 117 114 127 153.5 145.7 147 131 130	17240 1320 3070 4830 70765 111663 12015 14480 15320 15325 17125 21420 21730 22145	10793 125 125 125 125 153 151.2 154.8 149.3 106 129 155 153.5 127 130 130 158.7	17500 1400 3100 5600 10793 11147 12665 14235 14525 14525 14325 15375 17125 21457 21982 22200
NH NH	15375	.06	3100.1 15990	.034	17470 set-2	.034 .06 set-2 _{7.11} 8/9	21420	.06 .2 17240	13935 22145 10793	.034 0 17500
ET 1 BT BT BB BT	242170 31 1380.1 147.6 143.5	95 348.1 154 146.1 6900	7.11 10793 157 128 3434.9 145	0 12065 151 1404 147.2 143.5	9.11 588.9 154 145.7 9113.1	7.11 157 128 3435 149.5	5540 1 151 1404.1 147.2 145.5	17240 0 1380 154 147.2 9263	1579 154 154 5580.1 149.5	1750 154 2955.1 145 149.5

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B LBTTRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR	0757. 160.3 147.5 15375 147.6 150 1320 1455 1430 131 130. 131. 130. 131. 130. 131	155 152 14235 154.8 145.8 145.8 145.8 140.1 100.	149 12065 150.20 174.63 133 154.63 121.33 121.33 121.33 121.33 13	10765 149.1 15990 1455 152.6 400 536 1404.1 3110 3310.1 9227 10793 111687 12065 14925 14927 14525 14927 1207 1207 1207 1207 1207 1207 1207 12	155.1 14925 156.7 14925 156.7 149.1 120 120 120 1245 130 147 149.1 156.2 156.2 127 147.6 152.6 152.6 152.6 152.6	149.1 12700 153.1 155.1 1420 455 588.9 2955.1 3110.1 33808 9263 11025 11147 11687 12700 14290 14555 14995 15990 16375 17454 21713 22000 set-2	11123 147 152 1632.5 146.9 150 120 120 120 125 143 145 101 102 148.8 111 152 127 147.6 130 9	160.3 153.75 154.9 453.80 3020 3330.9 454.9 455.1 1380 334.09 459.00 11525 116935 116935 114980 117470	151.2 13935 154.8 153.2 21713 150 120 145 147.2 145 147 100 133 118 115 129 127.0 145.7 147 131 130	11663 148.8 153.7 170.75 149.6 4571 310.1 310.1 310.1 313.1 1075.7 11163 1140.0 1432.0 1443
ET NH NH	0 8 15990	.11 1076; .034 1747(7.11 5 .034 6 .06	0 12065 21420 CTTVR RIOW	9.11 06 13935 08 22200 AREA IN LEFT 9415 15990		5540 375 0	17240	10806	17500
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H TERRETER	22145 242240 30 1380_1 155 143_5 10757 155 149_1 15990 145	94 348.1 154 146.10 155 155 1496.7 143	10806 1578 1289 15434 1549 1740 153155 21420	12065 151 1404 155 143.5 11123 147 152 16325 146.9	70 588.9 154 145.7 9160.3 15375 155.1 144.9	70 157 128 3435 155 151.2 13935 154.8 153.2 21713	70 151 1404.1 155 145.5 11663 148.8 153.7 17075 149.6	1380 154 147 29263 160.3 147.6 15375 147.6		0 154 2955.1 155 149.5 12065 150.2 0 17470 154.6
TRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR	152.6 150 120 145 145 143 130 132 151.2	348.1 458 1404 3100.1 3310 5580.1 9150 10765 11123	133 133 154 145 120 121.5 130 150.60 151.2	400 536 1404.1 3110 3310.1 5626 9227 10806 11147	133 150 145 120 120 120 145 133 100	455 588.9 2955.1 3110.1 3380 6848 9263 11025 11147	150 154 120 120 125 143 145 101	455.1 3020 3300 3434.9 9415 11095	150 120 120 145 147, 2 145 147 100 100	457.9 1380.1 3100 3300.1 343.5 9113.1 10757 11123 11663

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	ADDITI(ON OF INTERCEM	ANGE INCLU	DED						
NHH HIRRERERRER GGGG	11830 15225 18635 0 243000 122.5 123.5 123.5 123.5 123.5 123.2 124.5 125.5 123.1 125.5 123.1 125.5 123.1 125.5 123.1 125.5 123.1 125.5 125	0 12000 17725 175 23005 SED NH TO REF 10 0 12 06 12 06 15000 15000 3775 5250 6413 10275 11920 12825 14400 14700 15325 19825 19825 20075 ADDITION OF I	4113 12000 15325 21200 7.11 12000 134 125 129 123.4 123.7 120.7 120.7 133.1 127 126.9 140 130 5 NTERCHANGI 30+00 (ADS	.175 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	9.11 560 133 120 121.7 122 120.7 129.2 126.5 103.5 130 115 120 126.8 132 146 131.5	.06 10 10 10 10 10 10 10 10 10 10 10 10 10	85 w-br 6413 13000 17725 24200	0 1750 1770 1770 14100 1770 14100 1450 14624 1664 17600 1770 1770 1770 1770 1770 1770 177	9000 14400 18025 11830 129 127 128.8 128 131 148.05 126 130 126.3 128 140 155	10 10 10 10 10 10 10 10 10 10 10 10 10 1
И И	T 0 IH 10 IH 16595 IH 24200 REV	0 122 1200 175 1881 VISED NH TO RE	5 ,08	9.11 12825 19085 O ECTIVE FLOW	0 0 12 15075 06 19265 0 0 AREA IN LEFT	-175 15 175 2	2000 195 5275 2315 0 w-br			

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H TIRRERRERRERRERRERRERRERRERRERRERRERRERRE	24200 245805 122.5 123.2 123.2 123.2 123.2 123.3 124.5 125.1 125.1 125.1 126.1 1	0 76 1200 1500 3775 5400 88064 10680 12680	7.11 12000 134 125 129 121.7 122 128.3 131 145.70 125 110 125 130 126.3 126.3	12825 350 1350 2700 14425 90185 90186 12770 14640 152625 12802 10802 108	set-2 9.11 2800 120 120 120 121.5 123 134 132.4 120 125 129 125 129 126 130 130	set-2 8/99 7.11 2300 400 1380 2750 4450 5624 9113 10275 11920 12825 14400 14700 15325 18570 19825	8/99 5580 2800 133 120 119 120.7 120.7 133.1 120.7 137.1 127 126.9 131.5	17300 5360 28000 49840 105000 105000 105000 115500 115500	11800 1297 1270 1270 1270 129.5	17300 5905 14150 59150 92750 92757 1212000 1452000 15395 19895 123990 1239
		NEW STATION U JUST ENI	ISED DATA OUTSIDE O OF EXIST	FROM 2430+00 F INTERCHANGI ING INTERCHAN	(ADJUSTED L FILL SECTI NGE	OUE TO SLOPE) ION				
rt NH NH	0 7 19215 <u>RE</u> V	0 (.12 1200(.175 22369 ISBD NO TO RE	0 2 .034 5 .12 FLECT EFFE	24200	0 .12 16595 0 0 REA IN LEFT	0 1200 .175 1881 0 OVERBANK	205 5 .			
NE NE	11 12000 23005	10.0 .038 10	4 <u>61</u> 2 12825 24200	. 06 . 12 0	5250 16595	.175 set-2 8/99	5580 18815	.06 1	10893 19865	.12
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	USED DATA	FROM 2470+	00 (ADJUSTE	D DUE TO SEC	OPE) AND CODE	ING OF ISLAN	0			
ET ET NH	0. 0.	$\begin{array}{ccc} 0. & 0. \\ 0. & 1890 \\ 175 & 18413 \end{array}$	7.11 0. 0.034	0. 9.41 19725 25215	9.11 0. 12 20375 08 25715	7.11 0. .06 21 175 26	13362 0. 475 690	23100	18800	23100
NH NH NH	REVIS 12 20375	SED NH TO RE 10.0 06	FLECT EFFEC 11500 21475	TIVE PLOW A	REA IN LEFT 1 18700 23625	OVERBANK 0.120 .175	18900 24125	.038	19725 25215	.12 1
NH 1GREE GGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	25715 247200 1725 12134 14215 12127 10913 1420 10913 1430 156	10 610 6000 130100 130100 188005 19675 2021525 2021525 26200 28600	26690 18900 1725 132.7 132.7 132.2 132.2 132.3 132.3 132.3 132.3 132.3 132.3 133.3 145	1775 19725 70800 10800 13500 18500 18820 18725 20375 23100 23525 24125 26390	28600 1600 1305 1306.2 1306.2 1306.1 1306.1 1306.1 1315.3 1315.3 1315.3 1315.3 1315.3	2000 115625 16300 18480 184900 204075 236215 26699	13362 0. 475 690 18900 24125 200 155 130 17.8 13.2 117.9 103.5 117.1 134.7 132.1 131.5 134	9000 12400 13850 17300 18640 19025 20140 21475 23775 23775 23700	0 153 125 126 135.3 118.3 107.6 178.1 129 117.5 131.1	9050 12800 14000 18100 18700 19580 201500 21500 24000 28500
GK	150	USED DATA	FROM 2493+0	0 (ADJUSTED	DUE TO SLOPE) INCLUDES	ISLAND			
HA HK	1790 6	.12 130 .175 193	06		.12 14126					
ET	ĔĔA1	ised nh tó r	7.11 BFLECT EFFE	CTIVE FLOW	9.11 AREA IN LEFT	3.41 OVERBANK 0.120	7568 13000 18106	17100 038	12660 13676	17100 .12 .175
NE NH NH	14126 21500	.175	16086	.12	17906	1	18106	ĺ	20950	.175

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GR 127 GR 118.9 GR 155 x-9		124.5 125 148 UDES ISLAND		132.7 126.6 120.6 102.5 136.6 124 125		1000 1550 130.5 130.5 117.9 114.3 123.4 135.1 148	0 2940 6000 7565 10240 12580 13075 13676 14555 17300 18106	153 130 128 135.3 118.3 105.2 122.3 135 105.2	2990 6340 7790 12040 12640 13125 13700 14850 17836 18250 21500
NH 5 NH 19762	.12 966	2 .031	10338	.06 15568 0 0	.140 0	17688 ·			
ET		7.11	077 1	9.11	18.41	4464	13600	9390	
RRVT: NH 5 NH 14887	SRD NH TO RE 10.0	3002	TVR FLOW 1 .06	9390 RKA IN EKET OV	0.120	4464 9662	.038	10338	.06
	Cross Sectio Cross Sectio	on 5.0 on D (H\$MM D	caft)						
X1 249300 1753338 125. 502 GR 130 GR 117.9 GR 117.9 106.3 116.3 116.3 116.3 116.3 117.9 110.3 110.	88 170. 175. 3002 4602. 9700 9247. 9662. 10097. 10317.99. 10390.66. 11158.5. 11739.5. 12784.7. 13744.7. 13763. 14150.3. 14691.7. 14773.8.	9662 -2398. 160. 1402. 130. 125 126 135.3 105.4 103.6 132 134 132 124 120 122 122 126 136 146	10338 -1396. 3402 5000 87022. 1028. 1028. 1028. 10415. 10445. 1051. 11779. 1051. 11779. 118643. 14663. 14813. 14813. 14813. 14813.		1100 1525 11002 1100	1100 -348. 3402. 123.57 123.19 105.4 1120 130 132 130 132 122 120 130 132 122 120 130 140	4227. 6502. 94482 9942 10346.52 1045.66 12490.33 13339.7. 145717 146717	128. 130.55 126.2 128.9 105.74 122 130 130 120 120 120 120 120 142	4452. 9082. 9082. 9082. 10000. 10303.4 10703.6 11735.7 12769.8 13055.8 13055.1 14739.5 14739.5
NU 5		000 .034		.06 13926 0 0	. 175 0	16026 . 0			

NH 11 RR	9 13926 249590 1755 1255 1266 1344 1456.3 123.3 123.3 123.3 123.0	0.0 10.0 175 54 1 3840 7010 8600 12140 12740 13125 13700 14850 17350 18200	7010 16026 13000 170 125 127 126.3 123.3 132 105.4 124.5 127 123 123 123 124.5	06 122 13676 940 4740 12220 12220 12220 13280 13700 17400	12040 17400 1600 130 123.5 132.7 126.2 105.3 131.8 124.6	12.41 OVERBANK 0.120 290 1940 75440 75440 12420 12420 12420 13435 13926 17880 18300	8208 13000 18100 290 155 130 128 130.5 117.9 121.7 103.6 137.6 124 120 150	16600 .038 10 2940 6740 7790 10240 12580 13605 14100 16300 17950 18340	12740 13676 18340 153 125 135.3 118.3 105.4 1224.5 125 125	16600 .06 0 2990 6740 7940 12640 13675 13675 14555 17300
NH NH		,12 6089 ,12 1115	9 -034 5 0	6695 0	.12 6895 0 0	.06 70 0	095 .1 0			
ET	REVI:	SED NH TO RE 0 0 4020	7.11 FLECT EFFEC 0.120	TIVE FLOW AF	9.11 RBA IN LEFT 6695	9.41 OVERBANK .024 703	2102 2 ,175	6710	5910	6710
NH	9100 revis	11525 ed rob NH to 10.0 175	model effe	1730 (0.05) ective flow (0.06)	9037 5-29-99 5320		0 0 6089	.038	6695	.06
NH X1 GR	250770 150	175 34 170 3892	6089 125	6695 420	1180 125	1 1180 1300 4440	11730 1180 130 136	0 2320 4770	0 0 131 135	.06 0 0 2570 5070
GR GR GR	130 130 130 100.4	5230 6000 6660	130 125 122.8 101.7	4020 5270 6089 6680	135 125 103.7 117.8	5320 6140 6695	148,66 106 139.6	5910 6200 6725	133 104.2 140.3	2570 5070 5950 6865
GR GR	140.2 120	6895 10000	140.2 128	7095 10500	132 130	9000 11076	130 150	9300 11730	123	9700
R1 NE	r 0. 17. 0.1 12000. <u>0.12</u>	14785.	0.12 153	9 11 935. 0.12 276. 0.	0. 0	0.038 10303 . 0.	150 112 . 0.175 0.			

NH7. 0.12 7985. 0.035 8935. 0.12 9697. 0.038 10303. 0.17 H12000.0.12 14765. 0.12 15278. 0. 0. 0. 0. 0. 0. 0. REVISED NH TO REFLECT EFFECTIVE FLOW AREA IN LEFT OVERBANK 5 10.0 7628 0.120 9697 0.038 10303. 175 12000. 14785. 1 15278. rob NH value revised to reflect ineffective flow area. -w-br right overland flow modeled for high e vents & smooth fwy

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NI. RT	12000	10.0 1	7985 12196 9 11	.06 .175	9558 13352. 9,11	0.120 7.11	9697 14785. 7628	.03 8 1 12000	10303. 15278. 9590	.175 11200
		Cross Section Cross Section	6.0 E (HSMM	Draft)						
ARREAGE GOOGG SEE NING SEE SEE SEE SEE SEE SEE SEE SEE SEE SE	253400 150.78 13578 126138 126138 126138 144411 154 15510 10700	77 3778 9678. 9488. 9808. 10303. 10357.4 11167.2 12501.7 12718.9 13475.6 14035.3 14035.3 14035.3 14036.2 15006.2	9697 25. 130. 133. 105.84 1188. 128. 1386. 1340. 1340. 1340. 156. 156. 156. 156.	4028 1 7628 8838. 9558. 10000 10313.4 10338.4 10361.5 11725.7 12540.9 12916 13679.1 14121.4 14531.7	25 134.25 125. 148.00 104.9 120. 130. 134.83 134. 140. 136. 142 144 152.	0.11	2630 130 135 125. 123.5 101.1 122. 132. 134. 136. 136. 144. 151.	5928. 8928. 9697. 10268. 10323.6 10349.1 10865.2 12196 12671.1 13366.1 13872.4 14215.3 14787. 15083.	131. 135. 125.06 104.4 102.4 124. 134. 138. 137. 136. 144. 146. 154.	6178 8378 9746 107288 10352 10352 12294 12579 13404 14874 14874 14874 14874
		TSRD NR TO RR 10.0 3185	9.11 FLRCT RFF 0.035 0.120	RCTIVE PLOW ARE 5260. 0.120 8530 0.024	9.11 A TN 1.RFT 5320 9000	9.41 OVERBANK 0.024 6: 0.120 10	105 0.120 000	5315	4685	5315
and the same of	rigi 11 7110 9000	t oveland flow 10.0 3185 -6 7364	modeled .028 .2	RCTIVE PLOW ARE 5260. 0.120 8530 0.024 For high flood 5260. 0.120 7660 .2	5320 7840	.6 6 <u>-</u>	105 1 530 .2			
NC NH NH NH	.07 .07 13 5335 7840	10.0 3185 .6 7364 .2 10000 .07 10 .6 1	.038 3185 6405 8530	.3 10 1 1	3800 7110 9000	.11	4685 7364 10000	.038	5315 7660	.12
			n 6.2							
X1 GR GR GR GR GR GR	254500 180 101.4 103.3 129.3 134 138 140	48 2685 4785 5265 5385 6340 7054 7770	4685 160 105.9 111.7 140 128 140 136 138	5315 3185 4925 5300 5500 6373 7110 7840 8840	1050 140 105.9 127.2 138 134 142 138	1150 3285 4985 5315 5880 6405 7170 8440 8905	1100 142 104.1 124.3 138 134 142 138	3800 5125 5335 5980 6586 7364 8485	145.4 105.6 124.8 136 136 140 140	4685 5225 5360 6263 69460 76630 8530

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GR—	144 146	9000 9882	145 148	9060 9956	148 152	9100 10000	148	9185		9387
ИН ИН ИН R.I.	13 5335 7840	10 6 2	9.11 3185 6405 8530	10 1 1	9.4 3800 7110 9000	9.41 11 .6 1	4685 7364 10000	5315 .038 .72	4685 5315 7660	5315 12 7
	i	Cross Section	1 6.5							
Χī	254600	n	Ō	Û	100	100	100			
et nh nh	8 6080	10	9 11 2685 6900	10 .6	1685 7400	.038	5315 9875	5315 .12	4685 5710	5315 .6
		Cross Section	n 6.7						_	
X R GR GR GR GR GR GR	255100 1800 105.95 111.75 140 1340 144	40 2685 4925 5300 5490 6430 8435	4685 160 105.95 177.25 138 134 142 138	5315 3185 4985 5315 5970 6735 7025 8500 8800	500 140 104.15 124.35 136 132 142 138 148	500 3285 5125 5135 6080 7210 8550 9585	500 145.45 105.65 124.85 134 136 141.6 140	0 4685 5225 5360 6400 6900 7400 8600 9790	101.45 103.55 129.135 135 140 140 154	4785 5285 5420 6930 82640 9875
ET NH NH	8 6800	.07	7.11 4485 7100	.18 .175	4685 7765	9.41 .038	4685 5315 8600	5315 .12	5545	1
		Cross Section Cross Section	on 7.0 on F (HSMM D	raft)						
A.R. G.R. G.R. G.R. G.R. G.R. G.R. G.R.	256100 180 105,95 111.75 135 138,8	24 2685 4925 5390 7705	4685 160 105.85 127.25 140 138 8	5315 3185 4985 5315 5545 8400	1000 140 104 15 124.35 140 150	1000 3285 5125 5335 6800 8500	1000 145,15 105,65 124,85 140 160	0 4685 5225 5360 7100 8600	101,45 103,35 129,35 140	4785 5265 5385 7700
RT MH X1	257200	.09	9_11 16 8 5 0	.038	5315 1250	7.41 .1 950	5545 1100	5315 1	4685 8660	5315
NC	. Đ7 5	. 07 07	.035 6209	.1 .035	. 3 6665	ũ7	6800	10	7960	1 0
NH NH ET	12600	. 11	9.11	. # + 1		5.41		6759	6192	6759

- Parketing		Cross Section Cross Section	1 8 0 1 G (ESMM I)raft)						
X1 GR GR GR GR	258400 180 142.2 131.8 103.6 140	23 6042 6175 6620 7900	6209 160 143 5 124.7 105.7 160	6665 4800 6085 6209 6640 9800	1150 160 149.4 104.7 114.3	1250 4950 6090 6260 6665 12600	1200 151.7 132 101.4 120	6000 6125 6580 6700	150.8 130.6 104.7 129.2	6023 6170 6610 6800
RT NH NH	5 12600	.07	9.11 6209	.035	9_1 6665	5.41 .07	6800	6665 10	6209 7900	6665 10
ΧĪ	259600	Û	û	0	1150	1250	1200	- 4 4 7		2225
rt NH	5 12600	.07	9 11 6209	.035	9 1 6665	6 41 .07	6800	5665 10	6709 79 0 0	6665 10
Χĺ	260100	Û	ũ	Û	500	500	500			
NÇ NH	.065	.065 .065	6003	. 1 . 03	£883	.065	6705	10	6780	10
NH ET	9500		9,11		9,1	23,41		6689	4882	6689
		Cross Section	n 9.0 n H (<u>ESMM</u>	Draft)						
X1 GR GR GR	260400 180 110_2 105.6 102.4 161_7	22 1 6030 6340 6600 6780	6000 160 103.5 105.2 108.3	6689 1700 6100 6380 6640 9500	300 160 106-9 100.7 109.4	300 4000 6200 6460 6460	300 140 106.7 106.9 120.6	4400 6280 6480 6689	131.7 104.8 99.8 122.4	6000 6320 6530 6705
NÇ NH KT X1 X1	- 065 3 260500 10	.065 1 18	03 1570 9.11 1570	. 03 2465	2465 9.1 100	.065 9.1 100 0	3100 100 0	2465 · · · · · · · · · · · · · · · · · · ·	1570 165-5	2465
2.1	5	350 166.1 165.5 156.8	0 2900	880 166.1 167	Ũ	1570 165.7	156.8			
GR GR GR	170 145 107 140	1810 2465	166.1 145 101.3 165	350 1320 1825 2900	140 140,5 107,2 170	435 1570 2065 3100	135 135.6 105.9	585 1640 2230	135 105 7 112.5	785 1735 2350
SB NH ET	1,25	1,25	2.5 1570 9.11	, 03	600 2465 9.1	92 .065 9.1	33973 3100	3 2465	1570	2465

2	00C T 00	07:04:53								PAGR
X.i	260550 0	Ų Õ	0	0 156.8	50 165.5	50	50	165.5	165.5	
X3 BT RT	10 5 2465	350 165.5	166.1 156.8	0 2900	880 167	166.1	Ů	1570	165.7	156.8
NC ET NH	. 095 3	_095 1	_03 9.11 1570	. 1 . 03	9.1 2465	9.1 .065	3100	2165	1570	2465
иn X1 X3	260600 10	10	13,0	Ő	50	50	50	165.5	165.5	
et NH	3 260700	1 3û	9.11 1510 1000	.03 2730	9.1 2730 100	9.1 .065 100	3590 100	2730	1510	2730
X 3 GR GR GR GR GR	10 170 150 145 105.3 108.6 135	1 1050 1510 1942 2410 2500	165 130 126.1 107.4 103.7 155	100 1100 1680 2105 2425 2960	160 130 126.1 107.4 134 160	700 1170 1681 2)15 2570 3120	155 170 127.5 104.6 123.1 160	165.5 800 1280 1770 2250 2730 3320	165.5 151 170 110 106 135 170	1000 1360 1860 2265 2850 3570
NC FT NH X1	.065 3 260730	. 0:65 1 0	.03 9.11 1510	.6 .03 V	9,1 2730 30	9.11 .065 30	3570 30	2730	1510	2730
¥3	10 11 1000 1680 174.1 175 170.1 166 357	0 170.9 8 173.2	0 1681 175	1380 172.9 174.9 166 170.5 2265	0 2105 175	1510 173.7 175 166 166 2730	172 4 2115 175	170.9	170.9	
SB.	7 , 25 3	1,25	2.5 1510 9.11	.03	670 2730 9.1	122 .065 9.11 60	50877 3570 70	4 , 7 2730	1510	2730
X 1 X 2	260800 0	0 ,	9.11 0 1	0 166	170.9	Ďû	ry	170.9	170.9	
X1 XX XX BT BT BT BT	10 10 11 1680 175 166	1000 174-8 170-5 3570	170.9 173.2 2250 175.3	1681 175	1380 174.9 170.5	172.9 166 2265	2105 175	1510 175 166	173.7 166 2730	172.4 2115 175
NC RT	.065	.065	.03 9,11	.1	.3 9 11	9 41		1725,14	1548.77	1775,14

Cross Section 10.0 Cross Section I (HSMM Draft)

X GR GR GR GR GR	261200 170 145 106.1 108.7 130	25 1 300 640 1280 1455	370 150 140 107.9 127.6 125	1435 50 370 700 1310 1480	250 130 133.4 104 130 125	550 110 500 1100 1385 1730	400 130 128 105.5 135 150	160 520 1140 1410 1850	145 131.8 105.8 135 175	230 570 1240 1435 2050 1700
		Cross Section Cross Section	1 11.0 1 J (BSMM Dr	aft)						
x 1	262900	0	n	0	1600	1800	1700	1 0	2.2	
ET			9.11		9.1	10.41			1660	3130
		Cross Section Cross Section	n 12.0 n K (ESMM Di	raft)						
X1 GR GR GR	264500 175 150 140 110 8 143.6	24 1 1160 1810 2130 3130	1660 170 145 140 108.9 158.9	3130 140 1200 1890 2490 3165	1750 165 137 138 111 5 158.2	1450 250 1400 1900 2700 3183	1600 160 137 117 116 7 175	900 1659 2005 2830 3210	155 137 108-5 130	1965 1660 2050 2850
БT			9.11	Ą	9.1 100	10.41 100	i 00	3130	1660	3130
XI XI BT BT	264600 10 6 3130	0 1 160./	0 175 153.5	0 3165	1660 160.7	160.5 158.9	153.4 3210	159.7 2490 175	159.7 162.5 0	155.4
S.B.	1,25 264750	1,25	2.5 9.11	Û	770 9.1 150	64 3 12 41 150	47517 150	8 3130	1660	3130
X2 X3 BT BT	261730 10 5 3130	160.7	1 175 153.5	155.4 0 3210	159.7 1660 175	160.5 0	153.4	159.7 2490	159.7 162.5	155.4
NC RT	.065	.065	.030 9.11	.1	.3 9.1	10.41 25.41		2285	709	2785
		Cross Sections Section	on 13.0 on L (ESMM I	Oraft)						
ARRECOGE GREEN GRE	265200 180 155 130 139.9 112.8 113.5	1 310 475 1200 1380	1220 175 150 130 139 110 5 113 8	2285 55 340 770 1220 1420 1810	450 170 145 139 112 6 114 5	450 170 360 810 1270 1490 1850	450 146 135 130.77 111 112.4	260 415 960 1345 1890	160 135 135 120 112,5 114,6	290 440 1100 1353 1545 2075

Gp	114.6 At US	2110 GS gage	115.6 channel mea	2185 surements fr	118.5 com USGS 11-	2208 5-41 survey	135	2235	164.5	2285
NC ET	065 0. 12 364 4700 252	.065 0. 000 256000 900 356600	030 9.11 272000 3	.1 0. 11000 30300	9.1 9.1 00 231000	2.41 142000 155000	0. 135000	5472	4303	5172
TIRREFERENCE OGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	4700 252 266750 175 160. 145. 113.02 108.22 111.22 113.32 111.42 160. 170. 180.	292000 72. 3595 4000. 4575. 4710 4835 5035 5160	292000 4595. 150 155. 138.6 111 12 110 02 112.22 112.62 110.62 144 154. 162. 172 192. 192.	292000 5471 3725 4085 4735 4850 5185 5185 5185 5185 5185 5185 5185 6417 6417 6417 6417 6417 6417 6417 6417 6417 6418	292000 1650 150. 136 108 22 109 72 112.92 112.92 112.92 112.92 112.92 112.92 1146. 160. 164. 174. 184. 0.	292000 1450 3895 4660 4760 4910 5085 5210 5542.6 5778.4 6225.7 5605.1	1550 155 115. 22 109.72 110.72 112.72 117.72 148 158. 156. 176.	3915 4785 4785 49310 512685 5665 5665 56773 6665 66773 6665 66773 6665 6665	0. 160. 114.72. 108.92. 110.62. 112.62. 113.62. 1150. 158. 178. 189. 0.	3935 4690 4860 51385 5476 5623.1 5963.1 6347 6707
NC RT	.065 0.	. 0.65 0 .	0.030 9.11	1 0 _	_3 9_1	7.41	0 .	5479.38	4300	5480
		Cross Sections Section	ion 14.0 ion M (HSMM	Draft)						
XG JOGGGGGGGGGG	266900 175 160. 145. 110 1 113.3 144. 162. 162. 172. 182.	56 3595 4000 4985 5350 5562 5712 6150 6117 6548 6779	4595 150 155 138.6 138.0 138. 146. 156. 160. 164. 174.	5405. 4095. 4095. 5000. 5368.2 5591.7 5642.6 5778.4 6225. 6447.7 6606.1	150 150 150 118.3 110 140 148 158 166 1766	150 895 4643 5095 4643 50973 4 5652 5376 5652 58776 6457 6657	150 155 145 107 111 150 150 150 158 178 10 10 10 10 10 10 10 10 10 10 10 10 10	3915 4145 4815 53614 5663 5663 5647 5647 6497	160 145.8 105.8 111.5 142.1 152.1 160.1 1700.1	39355. 4870. 53005. 54023. 5605971. 5603971. 5741.5

THE (-) WAS REMOVED FROM 1.06 FACTOR IN FIELD 8 DUE THAT THE PROGRAM WILL NOT RUN WITH A (-) VALUE IN THIS FIELD

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Ů.

, Change Land		Cross Sections Section	on 17 0 on P (HSMM 1	Oraft)						
AX GOOGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	268920 10 538 170 53 135 56 137 57 117 58 117 58 11	3915 3915 4245 4245 4440 4545 1865 51515 56027 6027 6044 9	4260. 169 9 135 3 155 8 130 8 134 18 8 137 8 117 8 117 8 117 8 1166 166 176	5915. 3983. 4140. 4260. 4447. 4560. 5390. 5390. 5865. 6013.2 6031.1 6049.9 6247.2	1400. 158.5 136.8 137.5 130.9 118.59 118.8 116. 129.5 138. 148. 158. 176.	800. 4030. 4180. 4300. 4597. 5000. 5227. 5393. 5720. 6034. 6034. 6031. 6330.	10/0. 141 7 138 8 136. 121 2 118 5 116 8 130. 140. 150. 150. 150. 170.	155.7 4060 4210. 4315. 4715. 50260. 5495 5790. 5037.8 6037.8 6059.3 6059.3	0. 137 4 153. 134.6 118.5 120.8 140.4 115.1 119. 132. 142. 152. 178.	40237 4237 4765 4765 5175 5175 5175 5175 5175 5175 5175 5
NÇ ET	0.	.095 .095 .0. 0. Section Q	9.11	.1 0.	.1, .3 not 9.1	appropriate 12.41	đ bridge	2248	600	2248
ABREAR JOGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	269250 4277 169.89 18022 1779 1802.5 179.5	961 180 171 1161 175 2 176 0 2286 126 252 412 5200 802 911 1031 1171 13421 1530 1801 1917 1997 2136	1/1-5	2248 190.5 190.5 169.8 181.5 181.5 181.6 190.0 1	100 178 178 178 177 130 177 173 173 173 173 173 174 174 175 177 170 170 170 170 170 170 170	600 185 172.5 175.8 171.5 2211 187 116 1900 3000 422 5311 11612 11301 1520 1661 1812 1901 1812 1906 1812 1906 1812 1906 1812 1906 1906 1906 1906 1906 1906 1906 1906	330 181.5 169.8 1987 183.0 183.0 183.0 183.0 183.0 183.0 169.5 169.5 169.8 170.0 170	300 177 16961 178 179 120 100 310 100 310 100 100 100 100 100 10	182.5 171.6 175.5 175.5 175.5 175.8 183.2	179 661 175 170 2061 126 1200 310 392 45651 1021 1312 1431 1530 1671 1992 2071 2071 2071 2071

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G G G G G G G G G G G G G G G G G G G	139.1 129.5 133.5 175. 116.1 146. 156. 166.	4418. 4531. 4775. 4896. 5172. 5335. 5510. 5570.	139.4 125.1 128. 123.8 122. 138. 148. 158.	4436. 4533. 4740 4968. 5235. 5345. 5515. 5545.	141.6 120.5 137 116.6 133. 140. 150 160.	4445. 4664. 4768. 4998. 5300. 5580. 5550.	139.6 133. 137.1 116.61 132. 142. 152. 162. 174.	4475, 4682, 4808 5000 5320, 5495, 55360, 5595,	139.5 135.5 128 117. 134. 144. 154.	4495, 4690, 4864 5108, 5505, 5535 5535 66

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т. Т3	Stre	land and am Name:	Lexington Congaree Ri Qgage	***	FIS models et-2 equal	conv				
J1	T CHRCK	TNO	NINV	TNTR	STRT	MRTRTC	HVINS	Q	WŞRL	ΡQ
¥	-	6							128.19	
J2	nprof	IPLOT	PRFVS	XSECV	XSECH	PM	VLTDC	IBM	CHNIM	ITRACE
	Ż	Ü	-1							

THIS RUN EXECUTED 2000T00 07:07:26

HEC-2 WATER SURPACE PROFILES

Version 4.6.2; May 1991

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

100-year flood Q gage SUMMARY PRINTOUT TABLE 110

SECNO	(WSRL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PRRENC	STENCL	STCHL	STCHR	STENCE
212950.000	127.24	-6.46	127.67	24283.63	173978.20	115986.40	8435.40	.00	.00	22200.00	22750.00	.00
212950.000	128.19	.95	128 66	13835.22	174405.30	121630 50	2364,28	.12	9139.38	22200 00	22750.00	22974.60
215700.000	128.82	.00	129.18	23170.54	174728.20	173348.70	10323.11	.00	8030.57	22200.00	22750.00	.00
215700.000	129.72	.90	130.04	14884.36	182243.20	111354.40	4802.45	.01		22200.00	22750.00	22914.93
226700.000 226700.000	131.79 132.44	. 00 . 65	132.06 132.75	21948.70 14155.75	60775.50 56014.16	11615/.40 121631.20	121467.10 120754.70	00. 90.	.ÜU 10452.84	19665.00 19665.00	20334.00 20334.00	.00 24758.76
234100 000	133 89	.00	134 32	25282.92		172034 80	58727.46	00	00	19585.00	20415.00	.00
234100 000	134.64	.75	135.18	16386.58		188561.60	12759.24	17106.00	5550.00	19585.00	20415.00	22656.00
238900.000	135.29	. UU	135.54	23928.12		146683.40	49917.54	.00	.00	29870.00	30700.00	.VV
238900.000	136.22	. 94	136 52	15937.73		157397 50	43481.48	16065 00	19835.00	29870.00	30700.00	35900.00
.39370.000 239370.000	135.37 136.30	.00	135.66 136.65	23931.56 14613.38		154043.10 166097.40	47727.12 40177.12	14740.00	.00 21160.00	29870.00 29870.00	30700.00 30700.00	.00 3590 0.00
239800.000	135.41	. Ú v	135.82	19141.40	74223.35	170312.10	53864.52	.00	.60	9575.00	10425.00	.90
239800.000	136.39	. 98	136.78	15050.72	71249.30	170731.00	56419.74	15140.00	560.00	9575.00	10425.00	15700.00
241500.000	135 82	.00	136.32	23311 41	57543,82	190375 80	50480.38	.00	6333.63	12275.00	13125.00	.00
241500.000	136.73	.91	137.28	12253.06	52701.43	200941.40	44754.18	80.		12275.00	13125.00	18696.50
241850.000	135.91	.00	136.41	23162.56		191129.70	47196.51	.UD	.00	12275.00	13125.00	.00
241850.000	136.82	.91	137.38	12418.91		201713.30	41111.94	.08	6193 04	12275.00	13125.00	18870.63
242049.000 242049.000	136.13 137.08	.00	136.50 137.48	14595.06 8615.55		140127.40 143794.70	124914.70 127546.80	.00 11700.00	-00 5540.00	10815.00 10815.00	12065.00 12065.00	.0ō 17240.00
242050.000	136.13	. ÚÚ	136.51	6270.99	33949.19	141553.90	122896.90	.úō	.00	10815.00	12065.00	.00
242050.000	137.08	. 95	137.48	4798.54	29593.51	144379.80	124426.70	11700.00	5540-00	10815.00	12065.00	17240.00

111001110												
SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
242120.000	136.15	.00	136.53	6271.70	33959.89	141466./0	122973.40	.00		10815.00	12065.00	.00
242120.000	137.10	.95	137.50	4799.33	29610.03	144262.80	124527.20	11700.00		10815.00	12065.00	17240_00
242121.000 242121.000	136.15 137.11	.96	136 53 137.50	14592,66 8615.98	33968 47 30873.16	141446 70 143607.40	122984,80 123919,40	11700.00	00 5540.00	10815.00 10815.00	12065.00 12065.00	17240.00
242169.000 242169.000	136.19	. Vu 96	136.55 137.52	14593.49 8616.06	36909.49 34147 75	139/08.50	121782.00 122618 90	.00 11700.00	.00 5540 00	10/93.00 10793.00	12065.00 12065.00	.00 17740 00
242170_000	136 18	. 00	136 55	6272 43	33990 26	141232.30	123177.50	.00	00	10793.00	12065.00	00
242170.000	137.13	. 95	137.53	4799.43	29632.59	141086.40	124691.00	11700.00	5540.00		12065.00	17240.00
242240.000	136.20	. 0U	136.58	61/4.±0	34046.51	141281.00	123066.50	.0v	. UÜ	10806.00	12065.00	.00
242240.000	137.16	96	137.55	4808.18	29659.28	143940.90	124799.80	11700.00	5540.00	10806.00	12065.00	17240.00
747741,000	136 18	.00	136.60	14599.62	23013.89	147098.20	128287.90	11700.00	.00	10806.00	12065.00	.00
242241.000	1 37.14	.96	137.57	8624.06	20801.01	148746.60	128852.40		5540.00	10806.00	12065.00	17240.00
242440.000	135.3U	. VU	136.68	23040.98	80729.44	15425/.50	53 413.08	.vo	.00	11900.00	12825.00	.00
242440.000	137.24	, 94	137.64	12009.69	82918.25	170880.20	446 0 1.54	12060.00	5540.00	11900.00	12825.00	17600.00
243000.000 243000.000	136.61 137.48	.00 .87	136.86 137.83	22909.76 10892.32	97198.05 90817.09	138627.30 155085.50	62574.68 52497.38	.00 .14	6450.38	12000.00	12825.00 12825.00	,00 17888.48
245800.000	137.29	. Û Û	131.45	23011.18	1371/5.29) 113245.50	47979.36	.00	.00	12000.00	12825.00	.00
* 245800.000	138.25	. 9 6	138.39	11268.03	143487.10) 112775.80	42137.13	11720.00	5580.00	12000.00	12825.00	17300.00
246000 000	137.35	00	137.46	23052,53	141757,70) 103747.40	52894.91	.00	5586.51	1/000.00	17825.00	.00
246000.000	138.28	.93	138.42	11158.09	142844,70) 112109.70	43445.62	.11		12000.00	12825.00	17159.18
246700.000	137.47	.00	137.57	20951.27	179720.di	j 92323.02	2 26356.22	.00	.00	14587.00	15413.00	.00
246700.000		.91	138.56	9816.95	160658.5	0 113960.30	23781.19	9900.00	8900.00	14587.00	15413.00	18800,00
47000.000	137.41	.00	137.68	19910.99	110056.5	0 142640.30	3 45703.19	.00	12723.08	18900.00	19725.00	.00
247000.000	138.36	.95	138.67	10533.17	111045.5	0 151286.80	36067.73	.11		18900.00	19725.00	23280.78
24/200.000	137,45	. ប៉ូប៉ូ	137.74	18239.37	114540.6	0 145395.20	0 36464.21		.00	18900.00	19725.00	0
247200.000	138,43	. ចូំថ្	138.72	10845.95	117845.7	0 149060.60	0 31493.74		12436.90	18900.00	19725.00	0 23305.72
248200.000	137.70	.00	138.01	14484,24	114862.3	0 137056.7	0 46481.05	.00	.00	13000.00	13676.01	0 .00
248200.000	138.68	.98	138.97	11179.75	120224.0	0 134243.0	0 43933.00		6336.94	13000.00	13676.01	0 17584.46
249300.000	136.06	. UU	138.27	11657.95	95377.0	9 109599.9	0 93422.45	.00	.00		10338.0	0 .VV
249300.000	138.97	88,	139,23	9740.00	89606.0	9 126334.0	0 82459.89	,18	4219.32		10338.0	0 13996 07
249590.000 249590.000	138.03 138.92	. 00 .89	138.40 139.37	14769.35 9571.98		9 142885.2 9 154650.2	0 55555.16 0 44259.81	.12	.00 7575.04		13676.0 13676.0	0 .00 0 17209.03
250770.000 250770.000	138,20 139,11		139.02 140.01		15947.2 76176.8	. 6 ±02759.6 80 191162.7	10 39693.23 10 30910.5	00. 90. I	. 00 (6)8.87		6695.0 6695.0	.00 0 10225.15

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200CT00	07:04:53											
SECNO	CWSBL	DIFKWS	EĞ	<u>TOPWID</u>	QLOB	бся	QP.OB	PERENC	STENCL	STCHL	STCHR	STENCE
∠55400.000 253400.000	139.24 140.21	. 00 97	141.25 142.08	9293.82 4321.34	42817.03 47093.35	249354,40 247625,40	6227,96 3681,27	.00 4372 00	.00 7628.00	9697.00 9697.00	±0303.00 10303.00	
254500 (000 254500 000	139.85 140.69	00 .84	143.20 143.97	3463 26 619.30	.00	295553 70 298100.00	2846.80 .00	,00 .01	00 4685.00	4685.00 4685.00	5315.00 5315.00	5315.00
25460V.000 554600 000	140.14 140.88	.00	143.38 144.12	3156.36 619.77		293864.10 298400.00	4535.94 .00	.00 02	.00 4685 00	4685.00 4685.00	5315.00 5315.00	.00 5315 00
755:00.000 255100.000	141.15 141.72	. ŪŪ . 58	144.11 144.81	3587.93 621.53	.62 .00	290748.20 298400.00	7651.22 .00	.00 .03	00 4685.00	4685.00 4685.00	5315.00 5315.00	5315.00
∠56100.000 256100.000	142.62 143.24	. មម្រ . 6.7	145.52 146.07	4467.55 625.64	786.06 00	290627.60 298400.00	ປີນີ້. ທີ່ສີ່ເອີ ນີ້ນີ້	. 0 V . 0 3	.00 4685.00	4685.00	5315.00 5315.00	
157200,000 257200.000	144 02 144.63	.00 .61	146 49 147.25	4871 30 632.34	1793 50 00.	289419 30 298342.50	7187 18 57.45	00 .01	1685.00	4685.00 4685.00	5315.00	5318.52
258499.000 258499.000	144.21 145.15	, 90 64	147.91 148.66	2277.99 601.58	3476.45 7495.5() 2//555.50) 28/863.40	13065.25 13047 05	.00 .02	.00 6172,58	6209.00 6209.00	6665.00 6665.00	. <u>Đ</u> ặ 6774, 17
759600.000 259600.000	145 92 146.54	.00 .62	149.05 149.77	2418.51 612.41	5831.93 3002.73	2 276230.40 3 281578.90	15337.66 13818.38	.00 .02	.00 6166.38	6709.00 6209.00	6665.00	.00 6778.79
260100.000 260100.000	145,44 147,03	្តប៉ូថ្មី គ្និធ្វី	±49,46 50,20	24/±.16 605.32	6063.23 3026.4	5 2/513/.00 1 281862.40	16579.76 13511.15	- 00 03	.01 6168.50	6209.00	6695.00 6665.00	.90 5777.82
* 260400.000 * 260400.000	148.75 149.17	. 00 . 13	149,79 150.51	7530 30 1082.18	38641.1 15107.6	1 258437 00 5 283292.30	1321,92 .00	00 .11	5606.82	6000.00 6000.00	6689.00	6689.00
260500.000 260500.000	148.7 <u>1</u> 149.72	. <u>1</u> 19	150.08 150.55	895.00 895.00	. Ú	g 295400.00 d 298400.00	. 86 . 88	.00 (44, 768	.60 1570 00	40,000 1570,00	2465.00 2465.00	.00 2465.88
. 50550.000 260550.000	149.13 149.62	.55 .59	150.47 150.92	895.00 895.00		0 798400.00 0 298400.00	.00 .00	.00 895.00	00 1570.00	1570.00 1570.00	2465.00 2465.00	2465.00
260500.000 260600.000	149.15 149.64	្ចប៉ូប៉ូ 	150.46 (50.91	695.00 895.00	. [00 298400.00 10 298400.00	. 00 00	.00 895.00	. 66 1570 - 00	15/0.00 15/0.00	2465.00 2465.00	
260700,000 260700.000	149 80 150.17	, 90 .36	150,56 151.01	1418.97 1220.00		10 /98400.00 30 298400.00	00 00.	1220.00	1510.00	1000.00 1000.00	2730.00 2730.00) 2730.00
250730.000 760730.000	149.81 150 18	200	150.57 151 01	1419.04 1220.00	. (00-298400.00 00-298400.00	.00 .00		.00 1510,00	1000.00 1000 00		
260800.000 260800.000	150 03 150.42	. 040	150.78 151.25	1427.85 1220.0		ng 298490.90 00 298400.00	. 00 . 00	.00 1220.00	.00 1510.00	1000.00 1000.00	2730.0 2730.0	9 2730.00
251290.000 251200.000	100.10 (50.4)	. 00	150.67 151.34	1001.1		<u>64 2 (6611.10</u> 00 287251.10	22019.20 16146.90					

07:04:53

SECTO	CWSEL	DIFKES	EG	TOPMID	<u>QLOB</u>	бсп	QROB	PERENC	STENCE	STCHL	STOUR	STERCE
262300.000 262900.000	150.40 140.82	- ÛÛ 42	151.21 151.75	1700.73 1488.26	4665.35 349.22	2:2442.60 280823.20	21091.44 17177.63	ΰΰ, ΣΩ,	00. 01.xx	\$70.00 470.00	1435.00 1435.00	.00 1710.56
264500 000 264500.000	150.97 151.41	10	151 64 152.13	2005.24 1470.00	17, 10001 00.	788452 60 298400.00	45,65 .00	.00	1660.00	1660.00 1660.00	3130.00 3130.00	3130.00
25 4 500.000 2 54 500 000	150.94 151.43	. UÜ . 4 Q	151.69 157.75	14/0.00 14/0.00	.00 00,	298400.00 798400.00	.00 00	.00	.00. 00,041	1660.00 1660.00	3130.00	.00 3130 00
264750.000 264750.000	151.83 151.52	.00	151.77 152.24	1470.00 1470.00		798400.00 298400.00	00 .00	.00	1660.00	1660.00 1660.00	3130.00 3130.00	3130.00
265200.000 265200.000	191.88 151.35		151,05 157,46	1920-19		264434.30 297499.18	. 00 00	.00 17	.00 1174.75	1220.00 1220.00	2265.00 2285.00	,00 2785,300
/66/50 000 266750.000	151 70 151.72	,00 .52	157 48 152.90	1/00 41 1184.61	3979 83 2874.03	285/44_10 289126.00	1336 72 00.	.01	1286.39	4595.00 4595.00	5473 00 5471.00	5471.00
166900 000 168900 000	151.14 151.52	. 99 48	152-47 153-90	56.6601 NO.018	3912.13 00	265766.30 292000.00	2261.62 00	.00 .02	.90 4595,90	4595.00 4595-00	5405.00 5405.00	.00 5405.00
* 267400.000 * 267400.000	157 19 152.71	. 1111	153.17	1950.87 1409.80	4169 49 .00	%85838.40 292000.00	00.	.00 .02	821.50	821.50 821.50	2231.30 2231.30	.00 2231.30
* <u>267750.00</u> 0 * 767750.00 0	151.90 152.45	. <u> </u>	155 V5 153 54	1050.00 1050.00	. 00 . 00	292000 .00 292000 .00	, 55 . 88	. ŪŪ . 00	100 4475 100	4475.00 4475.00	55∠5.00 5525.00	.00 5575.00
* 267850.000 * 267850.000	151 99 152.45	.55	153.54 153.54	3437.00 1437.00	.00 .00	792000 00 292000.00	. 00 . 00	90 1437.00	563.00	563.00	2000.00 2000.00	2000.00
268920.000 268920.000	151.64 153.15	. où , 5 l	153.20 153.77	1775.37 1649.20		258375.40 297805,89	jα≱j.ας _00	00 01	.00 4750,00	4260.00 4760 00	5915.00 5975.00	.ev 5975.00
.69250 000 1 269250.000	152.70 153.18	. DH . 48	153.29 153.83	1956.77 1513.85	11572.91 00.	288854.98 392000.00	17 <u>2 - L</u> 6 .00	00 10.	600.00	600.00	7,148.00 2248.00	.00 2248.00
259300.000 269400.000	152.72 153.20	. <u>60</u> . 49	155,31 154,85	±3°0°.03 1511-8€) 280046.40 292000.00	575.24 .00	. ÛÛ . 84	. 00 600 - 00	500,00 600.00	2240.00 2248.00	00. 00.84%
270450 000 270450.000	154,11 153.69	. 59	153,64 154,20	2358 91 2294.40	.01	291848 00 292000.00	151.95 .00	.00	3835.00	3835.00 3835.00	6165.00 6165.00	6165.00
000.0101V 000.010VV	153.53 154.06	. 86 52	153.77 154.57	2090.00 2792.98		5 285052.80 1 297000 00	4510.15 00	.00 .92	00. 00-0195	2970.00 2970.00	5300.00 5300 00	.00 5300,00

Immunar flood () gage ŞUMMARÎ PRIMIVÛJÎ TÂBUN 199

# # harman = -													
SKENO	XLCH	etten)	KPPG.	ELMIN	Q	CMERT	CRIMS	ec.	10*XR	ACR	ARKA	. 01	Ķ
212950.000 212950.000	. nu . 00	.00	.00	92.30 92.30	298400.00 298400.00	127.24 128.19	.00	127.67 128.66	6.03			40119870. 50121540.	
215700.000 215700.000	2750.00 2750.00	. 00 . 00	. 00 . 00		296400 00 298400 00	126.62 129.72	ុប៉ូចិ ពង	110.04	4 . Ç4 4 . L8			60135690. 10145905	
776700 000 226700.000	11000.00 11000.00	.00	.00	95.60 95.60	298400 00 298400.00	131.79 132.44	.00 .00	137 06 132.75	3.31	6.50	3//032 134050.	80165131 90164070.	30 30
234100.000 234100.000	/400.00 7400.00	.66 90	. 00 . 09		29 54 00.00 298 4 00.00	133.89	, vů 00	134.32 135.18	3.41 3.79			20151549. 10153548	
748900.000 238900.000	4800.00 4800.00	.00	.00		298400.00 298400.00	135.22 136.22	.00	135.54 136.52	2.32	5.91	265777. 200703.	10200771 30196119.	00 60
2323+0-000 249470-000	4 (U. 00 4 (U. 00	.00 .00	00 80		798400,00 298400.00	135.37 146.30	, 00 , 00	130.00 146.65	2 - 44 2 - 47			10188144 20188144	
239800.000 239800.000	430.00 430.00	.00	.00	100.00 100.00	798400.00 298400.00	135.41 136.39	.00 .80	135.78 136.78	2.96	6.55	187546 177308.	80164627 30173466.	70 00.
241500.000 241500.000	1700.00 1700 00	. 50	.00 .00		298400.00 798400.00	135.62 135.73	, 00 , 04	130.32 137.28	2.00 2.70			00187551. 40187619.	
241850.000 241850.000	450.00 350.00	.00	.00 .00	100.00 100.00	298400.00 298400.00	135.82	. 00 . 00	137.38	2.65 2.70	/ 09 7.27	747582. 154339.	90181725.	. 40
42049.000 42049.000	179 QQ 179 QQ	្តប៉ូ <u>ប៉ូ</u> ក្រព	, 00 , 00) <u>290400.00</u> 798400.00	155.15 117.08	100	130.00	3.04 2.91			.50175070 .50175070	
742050,000 242050.000	1.00 1.00	145.00 145.00	352,00 152.00	100 00 100.00	798400.00 798466.00	136.13 137.08	.00	137.48	7.89 2.71	6.13	83147. 74685.	84175461 64181251	.90 .90
<u> 242120,000</u> 242120,000	70.00 70.00	145.00 145.00	152.00 152.00	100.00 100.00	j 298400.00 j 798400 60	136.15 137.10	. 90 . 80	130.53 137.50	2.55 7.70	6.23 6.17	83250. 74813	.97181663 .97181663	.40 80
242121.000 242121.000	1.00	. 88 . 00	.00	100.00 100.00	9 298400.00 0 298400.00	146.15	-00 -00	146 54	2.68	6.09	170509	.30175/73 .50182437	.60 .00
147167.000 147164.000	49.00 49.00	.00	. 00 . 00		0 29 84 00.00 0 248400.00	136,19 117,15	.00	136.33 147.52	$\frac{2}{7}, \frac{6}{5}$. (01797784 . 00185284	
242170.000 242176.000	1.00 1.00	145.00 145.00	152.00 152.00	100.0 100.0	0 298400.00 0 298400.00	135.18 137.13	.00	135.55	2.69	5.10 6.10	83477 74949	91176273 .41182047	.60
242240.000 242240.000	70	145.00 145.00	152.00 152.00		0 798400.00 0 798400.00	136.20 137,16	, <u>6</u> e 9 e	130.38 137.55	2.81 2.68	6 . 115 5 . 124		.401/6242 .5918/3/5	

	white ma	M 4 - A 4 3 3 3 3												
	SECNO	AITGH	FLTFD	ELLC	BIMIN	ğ	CBGLT	CRIMS	EG	10+KS	AGII	ARPA		.01X
	242241,000 742741,000	1.00	ůý OR	, 90 , 88	100 00 100 00	298400.00 298400.00	130.10	. 00 .00	130.6V 137.57	3.12 2.86	6.29	160014.	401763	47.10
	742440 000 242440.000	199.00	.00	.0#	100 40 100.40	298400,00 298400.00	135 30 137.24	.00	137.64	3.51	6.66	233724 157317.	.801593	117.50
	242000.000 243000.000 243000.000	199.00 199.00 160 00	.00	. UÚ	rini Sil	798400.00 798400.00	130.01 137,48	. ÜV . 00	130.55	2.05 3.00	6.39	24303/. 137864	401723	371 6 0
1	245800.000 245800.000	7800 UB 2800.00	.00	00 .00	:01.50 101.50	298400.00	147.79	.00	14/.44 138.39	1.45	4.53	25 1444 159287	.802474	439.10
•	245000.000 245000.000	200.00 200.00	, ö b , 11 ll	- VV 110	101.51	230500.00 298400.00	138.78	. ōō 00	137.40	1.30	4.50	200442 15821	20249.	256.10
	246700.000 246700.000	/00 .00 700.00	.00	.00 .00	101.50	1 298400 00 298400.00	137.47 138.37	.00 .00	147.57 138.56	7 68 2.28	4 22 5.04	226439 128050	98238 .70197	794,70 552.50
	247000.000 247000.000	300.00 300.00	. 00 00	. uu . 110	181-51 181-51	j <u>298400</u> .00 j 798400.00	131.41 138.36	. vů , 00	137.68 138.67	2.59 2.59	6 05	177475	, <u>6</u> 0185	489.70
	24/200.000 247260.000	200.00 200.00	_ UU .00	.00 .00	101.5	0 /48400.00 0 298400.00	147.45 138.43	.00	137-74 138.72	7.54 2.49	5.9	1 161244 5 119540).20188 	947.00
	246200.000 248200.000	1000.00 1000.00	ម៉ូម [][]	, 0 o _ nn	102-5 107-5	0 298400.00 0 798400.00	131.79 138.68	. 00 . 00	138 A1	2 - 7 p 2 - 4 p	t .1	9 13288 7 13288	4.00194	1011.90
	249400.000 249300.000	1100.00 1100.00	, a p . 0 0	.00	303.6 103.6	0 298400.00 0 298400.00	138.97	.00	138 27 139.23	7 90 2.30	5.9	7 12887 0 11155	8.6019	6921.50
	249590.000 249590.000	290.00 290.00	.00 .00	. vů _00	±ũ3.0 103.€	ŭ 295400.00 U 298400.00	138.03 138.97	.00 00	138.40 139.37	3.49 3.47	6.6 7,2	9 10039 4 11093	6 8016	0209.00
	50770.000 250770.000	1180 00 1180.00	.00	.00 .00	100.4 100.5	10 298400.00 10 298400.00	148.20 139.11	un . 90	139.0X 140.01	5.42 5.42	9.2 9.3	8 7788	7.5512	8144-80 8216.30
	255400.000 255400.000	2620.00 2630.00	្តប៉ូម៉ .ពព	, 6 G . 10 D	101.	<u>10 296400.00</u> 10 298400 80	133.24 140.21	00 00	141.25 147.08	9 _ 1 <u>€</u> 9 _ 19	<u>12.4</u> 12.1	10 4234	4.3510	0629.00 11042.50
	254500.000 254500.000	1100.00 1100.00	.00	.00 .30	181. 101.	40 298400.00 40 298400.00	149.85 140.69	.00 .00	143.20 143.97	14.26 13.79	14.1			14040.82 30390.73
	Z54600.000 Z54600.000	100.00 100.00	.00 .00	80.	161. 181.	40 298400.00 40 298400.00	140.14 140.88	.uv .00	143.38 144.32	13.78 13.55	14.	45 2065	52.52 8	50e11.30 81075.76
	255100.000 255100.000	500.00 500.00	.00 .00	.00	101 101.	45 298400.00 45 298400.00	141.15 141.72	.00 .00	144.81	12 : FA 12 : 59	14.			84102.81
	255100.000 256100.000	1000.0v		. 00 . 00	101 101	45 298400.00 45 298400.00	142.62 143.24	. ö ö . 00	143.34 146.07	10.65 10.97	13. 13.	121 64 121 64	11.41 18.28	91421.41 90091.51
	=													

200CT00 V/:04:53

SECNO	XPCII	ELTRD	RLLC	ELMIN	Q	CWSEL	CRIWS	EG	10*KS	VCII	AREA	.01 K
257200.000 257200.000	1100.00 1100.00	. 00 . 00	. 00 . 00		290400.00 298400.00	144.02 144.63	. 00. 00.	146.49 147.45	9.33 9.40	12.98	39609.91 23052.33	9/10/1-01
758400.000 258400.000	1200.00 1200.00	.00	.00	101,40 101,40	298400.00 298400.00	144.51 145.15	.00 .00	147.91 148.66	9.80	15.34 15.38	34359.04 21589.51	953 41 ,73 9608 4 .39
259600.000 259600.000	1200.00 1200.00	. 44 . 00	. 60 88	201.40 101.40	298400.00 298400.00	145.72 145.54	.00 00	149.00 149.77	6.54 8.54	14./4 14.80		102173.90 102173.90
260100.000 260100.000	500.00	.00	.00	101.40 101.40	298400.00	146.44 147.03	.00	149.48 150.20	8.23	14.54		104876.40 104027.80
* 260400.000 * 260400.000	300 .00 100 00	. 06 . 06	ភូមិ វេព		298400 00 298400 00	140.73	, u v , u u	150.19 150.5†	2.14 2.42	9.51		204000.20 184400.50
/60500 000 260500.000	100.00 100.00	.00	, 0.0 .00	164.30 104.30	798450 00 298160.00	148,71 149,22	.00 .00	150.55 150.55	3.00 3.00	9.48 9.24	11826.65 32287.28	169417.78 172366.50
260550.000 760550.000	50.60 50.00	165.50 165.50	156.80 156.80	104.30 104.30	298400.00 298400.00	149.13 149.62	. មិប្ មូស្	150.47 150.92	2.50 7.89	9.21 9.14		1/2/95.80 175488,90
250500.000 25060 0. 000	50.00 50.00	.00	- 80 - 00	104.30 104.30	298400.00 298400.00	144.15 149.61	.uu .00	150.48 150.93	7.98 2.89	9.76 9.14		172917.50 175605.10
260100.630 260700.000	±00,00 100.00	. 99 . 08	_00 _00		298400.00 298400.00	149.00 150.17	. 90 . 80	190.96 151 UI	2.14 7.14	6,99 7,44		203000.00 203834.40
260730.000 260730.000	49.89 30.09	.00	, HO .00	103.70 103.70	798400.00 298400.00	149 81 150.18	.00	150 57 151.01	7:14 2:14	7.34	47694 55 40661.23	203979.30 1203905.00
200000.000 200600.000	.0.06 70.06	110.30 170 90	155.00 155.00		758400.00 758400.00	150.03 150 4%	. v0 . 00	150.76 151-75	7 09 4 49	6.94 7.78		(20 5154. /0 (206375.90
.51788.488 251200.000	400.00 400.00	-54 -60	. uu . 00	:84 68 194.00	1 298486.86 298430.00	150.18 150.49	.## .66	159 87 151.34	2.09	7.45 7.56		1/17894.40 1206624.00
261500.000 262500.000	1700 - Öb 1770 - Ob	<u> </u>	. 6 0	106,20 :Dh.30) 238400.00 258400.00	150.40 150.82	.00 .00	_5±,≟/ 151.75	4, 1 1 7,47	7.8± 7.95		1192369.60 1190657.50
264500.000 264500.000	1500.00 1600.00	.00 .00	. () () . () ()	108 50 108.50	1 77844H (141 298400.00	150.97 151.41	, 0 () . 0 0	151,64 152,13	2 (14 2 , 12	5.70 5.8 3	45557 4: 43679.1	5708577.00 9204822.00
264600.000 764600.000	196.00 180.00	160.50 160.50	155.49 155.49	±08.59 108.50	1 258440.00 1 258400.00	150.54 151.41	.00 .00	152.15	2.19 2.09	6.54 6.81		9201447.5J 0206377.90
264750.000 264750.000	156.00	59.70 159.70	155.40 155.40		798400.00 798400.00	151.03 151.52	. 00 . 00	.61.77 152.24	2.17 2.06	6.81		4208123.10
255200.000 265200.000	430.07 470.00	. 0 6 . u ti	. 00 . 80		0 238400.00 0 238400.00	151.09 151.15	- 0 0 - 0 0	151.69 152.46	2.22	28 8.46		0200641.60 XIAUAXO.90

SECNO	XLCII	ELTRD	ELLC	RLMIN	Q	CMSEL	CRIMS	<u>E</u> G	10±KS	<u>vcii</u>	ARTA .01E
	1550.ນີ້ນີ້ ເຮັຽນເມີນີ້	. ទំំបំ . ដង	. û û tra		292000.00 292000.00	151.20 151.72	. vů . nů	192 - 36 0V - Ne 1	2.72 2.67	8 76 8 76	36744.70177044.36 35155.71178568.68
755500,000 266900,000	150 00 150.00	, 90 .00	.00	105,80 (105.80 (292000.00 292000.00	151,14 151.62	.00	157 47 153.00	3.00 3.00	9 35 9.43	35770,91171672,60 30967.43168566.30
* 167400.000 * 767400.000	500.00 500 60	. 99 , 64	. e 3 0 0		292000.00 292000.00	152.19 152.71	. U U . U U	152.63 153.17	.94 .98	5.39 5.43	58714.12300631.40 53774.98295655.10
* 14 7750,000 * 267750.000	350.00	.00	.00 .00	705.80 105.80	292000.00 292000.00	151.90 152.45	.00	153 bi 153.54	7.54	8.54 8.40	34765.19176248.50
e:656,000 * 267848.000	100.00 100.00	100.00 165.00	160.00 160.00		292060.v0 292000.00	∡5±,50 152.45	, ỷ ợ , ủ ti	403.03 153.54	1.40 1. 33	6.6: 5.97	48886.7025/062.10
255920.000 268920.000	1070.00 1070.00	. trii . 00	. trù . ti û	115.10 11 5.1 0	292000.00 292000.00	152.64 153.15	. 4 u . 6 0	153 20 153.71	1./1 1.69	5.02 6.02	50951.74223208.90 48525.96224828.70
_aglad.abd - %aa2ab.000	530.00 330.00	1/5.20 1/5.20	180.40 180.40		192066.06 292000.00	1520 153 18	. UU	150.19 153.83	3,40 \$,42	0.10 6.44	51110.021616(1.67 45329,29157356.40
259300.000	50.00 50.00	1/5.20	180.45 180.40		292000.00 292000.00	152.72 153.20	. Uu . 0 0	153.85	3.25 3.44	6.44 6.44	57(60 33167036.7d 45353.27157473.40
2 145V.000 240450.000	1130.00 1150.00	, ö v . N N	. j.c . dli	113.50	_92000.00 V92000.00	153.11 153.59	.00 .00	_53.64 154.20	2 14	3.94 5.68	36267.36191943.00 31374 3019966138
272010.000 272010.000	1560.00 1560.00	60 .80	.00 .00		292000.00 292000.00	153,53 154.06	.00	153,49 154.52	1 99 1.86	5,45 5.44	57398 65211941.00 53672.98214119.70

<u>ເຫປປະຫຍິ ບໍ່ເມືອເຮືອ</u>

ip-ear flood Q gage NUMBER PERSONT TABLE 150

SECNO	Q	CWSEL	DIEWSP	DIFKSX	DIFFES	TOPWID	XICE
212550.000	258400.00	127,24	. 99	. ÇÇ	-6. <u>26</u>	242 63.63	្តិប្
212550.000	758400.00	128,19	. 95	, trû	95	13835,22	- ប៉ូត្
715700.000 215700.000	298400.00 298400.00	178.87 129.72	.90 .90	1.53	.00 .90	24170.54))ta.88 2750.00
126.00.000	258400.00	112.45	.88	2.31	.មីប	21966.70	11000 00
776708.000	298400.00	112.45	.65	2.72	ភូមិ	14155.75	
234109.000	798400 00	145,89	00	7,14	- 00	95787.97	7400.00
234100.000	298400.00	134.64	.75	2,20	- 75	16386.58	
. ໂຄຣິຣິລິຍ໌ ເນີ້ນີ້ຢູ່	298400.00 1298400.00	135.23 135.2%	. 0 0 . 54	<u> </u>	. VÝ 54	15948.44 15937,73	4888.00
744470.000 239370.000	; 246400.00 ; 298400.00	135.30	- 1141 . 93	.08	.uü .93	, 4941.55 14613.38	470.80 170.00
2 (-860 0.00	; 198400.0t	135.41	. 46	.34	. 46	_D161.40	458.00
	; 298400.00	135.39	. 98	.89	. 46	,505d.72	478.88
241599 69	0 798400.00	135 EX	, 1) li	57	.1)()	/ ₀ 311 41	1760.00
241598.00	0 298400.00	136.73	. 91	.31	.91	12253.06	1700.00
291050.00	0 198400.00	130 S1	. 194	. (9	, 94	25162.56	330.00
	0 298400.00	136 87	197	99	, 91	12418.91	330.00
2044.00	0 298400.00	136.11	.Bu	.72	. ii u	(4595.66	1/9.00
242049.00	0 298400.00	137.08	.94		. 9 4	8615.55	179.00
<u>242035.05</u>	ŭ 198490.00	438.43	.00	. 05	.00		±.00
242030.06	ŭ 198400.00	117.88	.44	. 05	.45		1.00
242120.00	10 298401.00	136.75	. 90	. úź	.00		70 00
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242121,00 242121,00	/C 296400.00 (0 296400.00	136-15 131-11	. មិបិ មិចិ	. j. . j.	. 00 96		
242169.00 242169.00	36 298400.00 30 298400.00	136.15 137.15	66.	.03 .03	. ini . 96		
242170.0	00 298400.00 00 298400.00	130.10 147.14	.tu .45	.01 .01	. i, i		
242249.0	00 256400.00	135,20	. ng	.02	, 11	6174 18	10.00
242248.0	00 298400.00	137,16	. 9 6	.82	. 9 i	4808.18	70.00

55(NI)	Ų	(WSK)	បារក្សាក្រ	HIP A ÇA	515X#?	HEWLD	Rintx
24244.000 242241.000	298400.00	136.18 137.14	. Ud . 96	02	. 96 . 96	8624.06	1.00
.42440.000 .42440.000	258400.00 258400.00	136.35 137.24	.00 .94	112	.00 94	23349.35 12009.69	198700 193700
743000.000 243000.000		136.61 137.48	60 .87	.11 .24	99 .87	72969.76 10892.32	560.00 560.00
_==500.000 2=5500.000	298400.00 298400.00	156.25 158.45	. 06 96	, ō o , / Y	. 00 96	230±1,10 71768,03	2800 00 2800 00
:4+000.000 115000.000	298400.00 298400.60	147.45 138.28	60 .93	.05 .03	.00 .93	23052.51 11158.09	700.60 200.00
let [02.000 let700.000	298400.60 298400.60	157.41	. ibi	. # *	. 0 0 . 44	20301.27 4816.45	-50.60 /h0.60
74 990 994 247000.000	298400.00 298400.00	145,47 138.36	68 .95	01	սկ .95	1991m.99 10533.17	100.00 300.00
14 200 000 74:700 000	198460.66 298400.00	134,43 138,43	. (.) (. 04 . 97	.ប្រ .ភូស	16235.37 16645 95	200.មេ 26មួយ
246766 666 246288.008	748408.88 298400.00	147.70 138.68	. ## . 98	.25	.98	14454.24 11179.75	1800.00 1900.90
	/ 156400.00 / 198400.00	135.V5 14.97	.UL .88	.38 .28	. 66 . 88	1165/-99 4740-00	1100.00 1100.00
749590,000 19590.000	1 .98400.00 1 298400.00	148 54 138.92	. 00 . 89	05 05	. 04 . 89	14769 35 9571.98	290.00 290.00
) 298400.00) 298400.00	138.20 139 11	. ŪŪ . 91	, ±7 19	18.	3332.43 7719-65	1160,00 1160,00
253100.000	, 148400.00 0 298400.00	139 74 140.21	. au . 97	1.04 1.10	. 87 . 97	4371.34	2630.00
	6 258400.00 8 298400.00	139.65 140.69	.90 .84	. 61 . 48	.89 .84	3463.26 614.46	1100.00 1100.00
754 <u>6</u> 00,00 254600.00	0 258400.00 0 298400.00	140.14 140.88	.00 .71	,7 <u>9</u> .18	.74	3756.36 619.72	100 00 100.00
	0 236400.00 0 296400.00	141,72	. 90 . 58	±.₩± .85	.00 58	3587.33 627.53	500.00 500.00
256100.00	6 298400.00 0 298400.00	14%.57 143.24	. 00 . 62	1.47	.62	4467.45 625.64	1000.00 1000.00

SRCNO Q	CRRRP	DIFMSP	Int PWSX	niekds	TOPHER	H Jaix
	144.ii/ 144.63	.00 .61	(40 1.39	.40	4871 30 632.34	1100.00
230400.000 230400.00	149.51	. UU	.50	. 64	501.58	1200.00
258400.000 298400.00	145.15	. 64	.52	. 64		1200.00
75460,000 756400,00	145,57	ijij	1.47	99	/418 51	1700.00
259600,000 258400,00	146.54	, 62		.62	612.41	1200.00
259_00.000 255400.00 160100.000 256400.00	140.44 147.83	. 9 9 . 19 9 . 19 9	. 5 5 4 9	.00 59	2+/1.16 605.32	500.00 500 00
7 /60400.000 X46460.00 * 260400.000 298400.00	148.15 149.17	uu .42	2.14	99 .42	2530.30 1082.18	300.00
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ქლავეა. მშშ გუნჭმშ. ამ	144.82	.51	.up	. ते (841.bW	(140.00
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250600,000 298400.00	145 94	. 46	. û 2	. 49	695-00	50.00
260600 000 298400.00	145 94	. 45	U X	. 49	895-00	50.00
250700 000 295400.00	:44 Kii	.68	, ħδ	. ini	(416.97	100.00
260700.000 298400.00	150.17	.36	.53	. 36	1220.00	
260730.000 256400.00	15.0£1	.00	. 5 <u>1</u>	.80	1419.04	30.00
760710.000 298400.00	86.0¢1	.4n	. 61	.10	1720.00	38.00
260800.000 /96400.00 260800.000 298400.00	150.42	. 59 . 39	.35	.39 .39	1422.65 1220.00	70.00 70.00
_61266.006 298400.60	150.10	. 90	.v)	.00	1361.15	400.00
261206.006 298400 00	150.49	39	.07	.39	1315,60	400.00
782800.000 298400.00	150.81	nu	- 29		1785.95	1700.00
782800.000 298400.00	156.81	.12	- 33		1388.26	1700.00
<u>184508,000 298400,00</u>	131.3 <i>1</i>	. 8 %	.57		2005.24	1660.VV
284400,000 298400 00	31.4	. 4 %	.59		1470.00	(600.00
264600.000 298400.00 264600.000 298400.00	758.34 151.43	. 99 . 49	- <u>. 1</u> 15 . 02	. 19	1470 00 1470.00	100.00
264759,000 296400.00 264750 000 798400.00	251.03 151.52					150.00 150.00
765200.000 746400.00 265200.000 298400.00	151.35		i in the tree tree tree tree tree tree tree		1087.96	450.00 450.00

. ==	SRCNO	Q	CMSEN	nifwsp	DIPMSX	nifkws	TOPRID	HJALK
, 1	56750.000	292000.00 292000.00	151.70 151.72	.00 .52	.11	.00 .52	1700.41 1184.61	1550.00
2	vev.03tes 000.000	292000.00 292000.00	101.14 151.6%	. 69 . 48	VO IV	. 0 U . 4 R	20,220 00,018	150.00 150.00
	/67400.000 867400.000		152,79 152,71	.52	1.05 1.09	.00 .52	1950.87 1409.80	500.00 500.00
4	ຄໍ/ທຸລຄົ.ພີຍີ່ຍຸ້	252000.00 252000.00	152.90 152. 8 5	. ขึ้ง . 55	23 .77	. vû . ab	1050-60 1050-00	ລວຍີ.ນີ້ຍົ ຊິງຫຼື ຫຼືນີ້
7	767850.000	242000.00 292000.00	151.40 152.45	.00 .65	.00	00. cd.	1437 00 1137.00	100.00 100.00
	.ຄຣາຊປ.ປປີ	/ 252000.60 / 242000.00	152.54 153.15	. Jt	. /4 .70	.95 .51	1175.37 1649.20	1370.97 1670.60
i	769250 0 00	1 792000.00 0 292000.00	157 70 153.18	, 00 , 18	96 -94	. 99 . 48	1965.77 1513.85	330.00
		ŷ 192000.dd	152 /2 153 70	.90 49	.02 197	.00 49	1966.83 1573.86	50.00 50.00
	270450.00	0 192000.0a 0 292000.00	757.11 153.69	. 86 . 59	. 34	.00 .59	2358.97 2294.40	1150.00 1150.00
	1.77644.00	0 292000.00 0 292000.00	133.33 154.06	.09 .52	* # # # # # # # # # # # # # # # # # # #	.00 .52	2696.65 3393.48	1550.VV 1550.DV

SUMMARY OF ERRORS AND SOUCHAL BOTES

4 - 1 - 1 ho	SEUNU=	145888.068	PEUBLIS=	ž	ZJERIARUS	Linich	βυτοτύΕ	Wrightwans	KANGE
異点があり続け 異点があり続け	SHOND= SHOND=	260400.000 250400.000	P#0#11.K= P#0#11.K=	1	CONVEYANCE CONVEYANCE	Change Change	outë ink outë ink	acceptable acceptable	HANGK HANGE
WARNING BARRING	SECNU=	267400.000 267420.000		1	CONVEYARCE CONVEYARCE	CHANCH CHANCH	001810# 301810#	acceptable acceptable	range Kenje
ant in Ann 1885	t a main =	257750.000 257750.000	មួយប្រជាជាក្នុង មួយប្រជាជាក្នុង	1	LONVEYANCE	CHANGE CHANGE	លូវកិត្តិ ដែក បំណត់ ដែក	AUCEPTABLE ACCEPTABLE	rangk rangk
Warming Album	SECNO= SECNO=	267850.000 267850.000	PROFILE= Profile=	1	CONVEYANCE	CHANGE LIANGE	OUTSIDE	ACCEPTABLE AUCEPTABLE	rance Lange
		วิสหมิสติแต็ติติ	Prior Te	7	COMVEYANCE	เสลสแส	Üüralda	ACCEPTABLE	HANGA

1 .18 NO. 2

Section Rumber	Elevation Indicase	Top Tideh		Discance From Center		ont Sta Distance From Center	Right Encroach Scation
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//u450.000 //u450.000 ///u10	159 157	2330 00 2330 00		1165.80 7765.80	5000.00 4135 00	1165.UU 1165.UU	5300 00

rougear dara 100-year tipoo Q gage PROPILE MO. 2

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12950	

FALLERAT DATA. 100-year ricod 0 gage PROFILE NO. 2

\$TATIÛN	417P4	Filodomat Section Akea	REAN VELOCITY	HATER S HITE FLOODHAI	URPAÇK KIH TUUHTIN TAWGÖÜL¥	DIFFERENCE (VATION
.60/kg .000 160×00.000 251200.000 151300.000 151300.000 154300.000 254350.000 254350.000 254350.000 254350.000 254350.000 259250.000 259250.000 259250.000	12.45. 12.45. 12.45. 12.45. 14.47. 14.45. 14.45. 14.46. 14	40903. 40903. 43904. 43904. 4397938. 439795. 439795. 448329. 448329. 448329. 448329. 448329.	7/6/6660089508660065	150.4 150.5 150.5 151.4 151.5 151.4 151.5 151.4 151.5 151.5 151.7 153.2 153.2 153.2 154.0	150.14 150.14 150.15 151.0 151.1 151.1 151.1 151.2 151.2 152.1 152.1 153.1 153.1	4444455555555555555